

## Documents

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**Interactions between species in coastal lagoons: Predation on recent brackish ostracod populations of the Lagoon of Venice (NE Italy)**

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### Abstract

This chapter analyzes the first evidences of predation observed on recent brackish ostracod populations of the Lagoon of Venice. The study of ninety-nine samples and almost 1300 specimens allowed extraction of 12 bored valves. The bioerosion structures (*Oichnus simplex* Bromley) are concentrated in the central area of the valves. Borehole diameter shows a negative but not significant correlation with the dimensions of the predated valves, whereas the number of bored shells is significantly correlated with the ostracod density. Predation affects the most abundant species of this environment (mainly adults and the last juvenile instars). © 2013 Nova Science Publishers, Inc. All rights reserved.

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